

## Polymer-modified cement putty, extra fine-graded, ideal for professionals

### Description

PLANFIX-FINE PROFESSIONAL is a polymer-modified, cement-based, extra fine-grained putty mortar, for indoor or outdoor application. With the addition of water a paste is formed, having very good workability, suitable for thin layers (e.g. puttying). Compared to ordinary putties it offers the following advantages:

- It is light weight and more easy to apply.
- It is easier to be sanded.
- It has less consumption.

Because of its particle-size it can also be applied using a gunite machine. It is classified as a PCC R2 type mortar, for concrete repairs, according to EN 1504-3.

### Fields of application

- Smoothing and repairing of exposed concrete.
- Sealing of cracks, pores or cavities on concrete surfaces.
- Total surface smoothing (stuccoing) with very thin layers, instead of plastering or cement mortar application.

### Technical data

Form:	cementitious powder
Color:	white
Pot life:	4 h at +20°C
Water demand:	8 l/25 kg bag
Bulk density of dry mortar:	1,25 ± 0,10 kg/l
Bulk density of fresh mortar:	1,60 ± 0,10 kg/l
Compressive strength:	>10 N/mm <sup>2</sup>
Flexural strength:	>3 N/mm <sup>2</sup>

Chloride ion content	0,00%
Adhesion strength	≥1,0 N/mm <sup>2</sup>
Thermal compatibility Part 1 (50 freeze-thaw cycles)	≥ 0,8 N/mm <sup>2</sup>
Reaction to fire	Euroclass A1

### Directions for use

#### 1. Substrate

The substrate must be stable and free of dust, grease, loose materials etc. Before application of PLANFIX-FINE PROFESSIONAL the surface should be thoroughly dampened.

#### 2. Application

PLANFIX-FINE PROFESSIONAL is gradually added into water, in a clean pot, under continuous stirring, until a uniform pasty putty is formed. Approx. 3 parts by volume PLANFIX-FINE should be mixed with 1 part of water.

### Consumption

Approx. 1,2 kg/m<sup>2</sup>/mm of layer thickness.

### Packaging


PLANFIX-FINE PROFESSIONAL is supplied in bags of 25 kg.

### Shelf-life - Storage

12 months from production date if the product is stored in original unopened packaging, in places protected from moisture and frost.

## Remarks

- Temperature during application should be at least +5°C.
- In hot weather PLANFIX-FINE PROFESSIONAL should be sprayed with water after the application, to be protected from water loss.
- PLANFIX-FINE PROFESSIONAL contains cement and reacts as alkaline with water, so it is classified as irritant.
- Consult the usage risks and safety advice written on the bag.


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EN 1504-3 Concrete repair product for non structural repair PCC mortar (based on hydraulic cement, polymer modified)  Compressive strength: class R1 Chloride ion content: ≤ 0,05% Adhesive Bond: ≥ 0,8 MPa Thermal compatibility part 1: ≥ 0,8 MPa Dangerous substances: comply with 5.4 Reaction to fire: Euroclass A1

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